

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of  
Marianna EL-AMIN et al.  
Serial No. 09/720,543  
Filed: July 7, 1999 (as PCT/US99/15281)



ATTORNEY DOCKET NO. 029658-0186

Group Art Unit: 1743  
Examiner: Arlen Soderquist

For: **IMPROVED METHOD FOR MIXING AND PROCESSING  
SPECIMEN SAMPLES**

**TERMINAL DISCLAIMER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Your Petitioner, LaMINA, INC., represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 09/720,543, filed July 7, 1999 (as PCT/US99/15281), by virtue of an Assignment filed and recorded on June 25, 2001, on Reel 011929, Frames 0577-0581, in the United States Patent and Trademark Office, a copy of which is attached hereto as **APPENDIX A**. Further, your Petitioner represents that it is the owner of U.S. Patent No. 6,379,565, which issued on U.S. Patent Application Serial No. 09/536,616, filed March 28, 2000 (the Assignment which was recorded on September 22, 1999, on Reel 010253, Frames 0101-0102, in parent application U.S. Serial No. 09/185,606), a copy of which is attached hereto as **APPENDIX B**; and U.S. Patent No. 6,423,237, which issued on U.S. Patent Application Serial No. 08/963,873, filed November 4, 1997, by virtue of an Assignment filed and recorded on May 13, 1999, on Reel 009947, Frames 0928-0930, in the United States Patent and Trademark Office, a copy of which is attached hereto as

**APPENDIX C.**

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**JAN 14 2004**  
**TC 1700**

002.1129085.1

01/09/2004 MAHMED1 00000067 09720543

02 FC:2814

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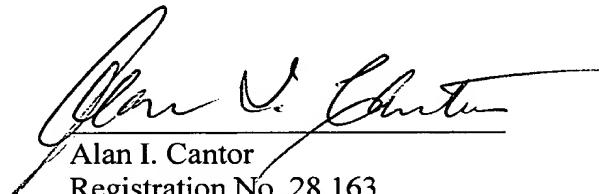
Your Petitioner, LaMINA, INC., hereby disclaims the terminal part of the term of any patent granted on the above captioned application which would extend beyond the full statutory term, as presently shortened by any terminal disclaimer, of U.S. Patent Nos. 6,379,565 and 6,423,237, and hereby agrees that any patent so granted on the above captioned application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent Nos. 6,379,565 and 6,423,237, this agreement to run with any patent granted on the above captioned application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on the above captioned application, prior to the full statutory term of U.S. Patent Nos. 6,379,565 and 6,423,237 as defined in 35 USC §§154-156 and 173, in the event that U.S. Patent Nos. 6,379,565 and 6,423,237: expires for failure to pay a maintenance fee, is held unenforceable or is found invalid in a final judgment by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims canceled by a reexamination certificate or as a result of an interference proceeding, or is otherwise deemed not to provide the rights conveyed by 35 USC §154 prior to the full statutory term of U.S. Patent Nos. 6,379,565 and 6,423,237 as defined in 35 USC §§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any extension or restoration of term relating to any patent granted on the above captioned application, which extension or restoration is effected under 35 USC §§155, 155A or 156 or any other applicable statute.

The undersigned, being the Attorney of Record for the above captioned application and duly authorized to act on behalf of Petitioner, certifies that he/she has reviewed the Assignment(s) described above, and to the best of his/her knowledge and belief, legal title in the above captioned application rests with Petitioner, LaMINA, INC.

The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above captioned application or any patent issuing therefrom.

Respectfully submitted,



\_\_\_\_\_  
JAN 06 2004  
\_\_\_\_\_  
Date

Alan I. Cantor  
Registration No. 28,163  
Attorney of Record  
For: LaMINA, INC.



AIC  
2940581186  
**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SEPTEMBER 06, 2001

FOLEY & LARDNER  
ALAN I. CANTOR  
WASHINGTON HARBOUR  
3000 K STREET N.W., SUITE 500  
WASHINGTON, D.C. 20007-5109



\*101766191A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/25/2001

REEL/FRAME: 011929/0577

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

EL-AMIN, MARIANNA

DOC DATE: 06/18/2001

ASSIGNOR:

GUIRGUIS, RAOUF A.

DOC DATE: 06/21/2001

ASSIGNOR:

SAMAAN, NASHED

DOC DATE: 06/18/2001

ASSIGNEE:

LAMINA, INC.  
2190 FOX MILL ROAD  
SUITE 100  
HERNDON, VIRGINIA 20171

SERIAL NUMBER: 09720543  
PATENT NUMBER:

FILING DATE: 06/25/2001  
ISSUE DATE:

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JAN 14 2004  
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APPENDIX  
A

011929/0577 PAGE 2

SEDLEY PYNE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

U.S. Rights--Sole or Joint

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

*LAMINA, INC.*  
*Suite 100*  
*2190 Fox Mill Road*  
*Herndon, Virginia 20171*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

***IMPROVED METHOD FOR MIXING AND PROCESSING SPECIMEN SAMPLES***

as set forth in this United States Patent Application

*check one*

- executed concurrently herewith
- executed on \_\_\_\_\_
- Serial No. PCT/US99/15281 Filed July 7, 1999

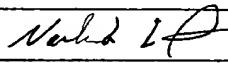
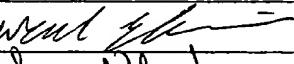
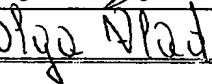
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Marianna EL-AMIN	Signature: 	Date: 6-18-2001
Name: Raouf GUIRGUIS	Signature:	Date:
Name: Nashed SAMAAN	Signature: 	Date: 6/18/01
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name: WAEL - ELAMIN	Signature: 	Date: 6/18/01
Name: OLGA VLAD	Signature: 	Date: 6-18-2001

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

U.S. Rights--Sole or Joint

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

**LAMINA, INC.**  
*Suite 100*  
*2190 Fox Mill Road*  
*Herndon, Virginia 20171*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

### **IMPROVED METHOD FOR MIXING AND PROCESSING SPECIMEN SAMPLES**

as set forth in this United States Patent Application

*check one*       executed concurrently herewith  
                  executed on \_\_\_\_\_  
                  Serial No. PCT/US99/15281 Filed July 7, 1999

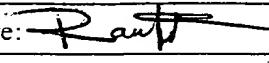
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<b>NAMES AND SIGNATURES OF INVENTORS</b>		
Name: Marianna EL-AMIN	Signature:	Date:
Name: Raouf GUIRGUIS	Signature: 	Date: 6/21/01
Name: Nashed SAMAAN	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
<b>NAMES AND SIGNATURES OF WITNESSES</b>		
Name:	Signature:	Date:
Name:	Signature:	Date:

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DECEMBER 08, 1999



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Patent and Trademark Office  
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RECORDATION DATE: 09/22/1999

REEL/FRAME: 010253/0101  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GUIRGUIS, RAOUF A.

DOC DATE: 08/26/1999

ASSIGNOR:

MACLEAN-BLEVINS, MARK T.

DOC DATE: 07/26/1999

ASSIGNEE:

LAMINA, INC.  
2190 FOX MILL ROAD  
HERNDON, VIRGINIA 20171

SERIAL NUMBER: 09185606

FILING DATE: 11/04/1998  
ISSUE DATE:

SONYA JOHNSON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

APPENDIX  
B

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto *LaMina, Inc.*

*2190 Fox Mill Road  
Herndon, Virginia 20171*

name and  
address of  
assignee

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of  
invention

**METHOD AND APPARATUS FOR MIXING AND SEPARATING PARTICULATE MATTER FROM A FLUID**

as set forth in this United States Patent Application

check one

executed concurrently herewith  
executed on \_\_\_\_\_

Serial No. 09/185,606 Filed November 4, 1998

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

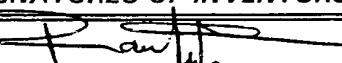
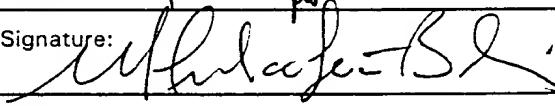
Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

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Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

**NAMES AND SIGNATURES OF INVENTORS**

Name: <i>Raouf A. GUIRGUIS</i>	Signature: 	Date: <u>8/26/99</u>
Name: <i>Mark T. MACLEAN-BLEVINS</i>	Signature: 	Date: <u>7/26/1999</u>
Name:	Signature:	Date:
Name:	Signature:	Date:

**NAMES AND SIGNATURES OF WITNESSES**

Name:	Signature:	Date:
Name:	Signature:	Date:

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JULY 19, 1999

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Washington, D.C. 20231



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BERNHARD D. SAXE  
3000 K STREET, N.W., SUITE 500  
WASHINGTON, D.C. 20007-5109

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RECORDATION DATE: 05/13/1999

REEL/FRAME: 009947/0928  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

GUIRGUIS, RAOUF A.

DOC DATE: 05/05/1999

ASSIGNEE:

LAMINA, INC.  
2190 FOX MILL ROAD, SUITE 100  
HERNDON, VIRGINIA 20171

SERIAL NUMBER: 08963873

FILING DATE: 11/04/1997  
ISSUE DATE:

PATENT NUMBER:

MAURICE CARTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

APPENDIX  
C

# ASSIGNMENT - WORLDWIDE

Attorney Docket: 29658/0118

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

LaMina, Inc.  
2190 Fox Mill Road  
Suite, 100  
Herndon, VA 20171

its successors and assigns (hereinafter, the "Assignee"), the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention in

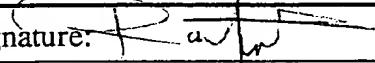
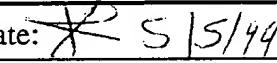
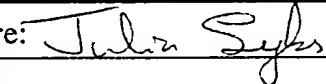
## METHOD AND APPARATUS FOR MANUALLY SEPARATING PARTICULATE MATTER FROM A LIQUID SPECIMEN

as set forth in United States Patent Application

executed concurrently herewith  
 executed on \_\_\_\_\_  
 Serial No. 08/963,873 filed November 4, 1997

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said invention or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said invention or upon said applications and every priority right that is or may be predicated upon or arise from said invention, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on said invention in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said invention, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said invention or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said invention, and to testify in any proceedings relating to said invention, patent applications and Letters Patent.

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<b><u>NAMES AND SIGNATURES OF INVENTORS</u></b>		
Name: Raouf A. GUIRGUIS	Signature: 	Date: 
Name:	Signature:	Date:
Name:	Signature:	Date:
<b><u>NAMES AND SIGNATURES OF WITNESSES</u></b>		
Name: JULIA SYKES	Signature: 	Date: 5/5/99
Name:	Signature:	Date:

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IPT-407:4/90(1)(modified)